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



PN - JP2001351232 A 20011221  
 TI - POSITIONING METHOD OF DISK  
 AB - PROBLEM TO BE SOLVED: To provide a positioning method of disk, which corrects deviation in position and accurately positions the same at all times, when two sheets of disks are brought into close contact with each other, while the respective center positions are made to coincide with each other.  
 SOLUTION: A master disk 2 which is provided with a center hole 1a on the center position and a slave disk 1, in which a center hole 1a is formed on the center position, are disposed to face opposite to each other and the center hole 1a is imaged through the center hole 1a by a CCD camera 6. An image processing means 11 is provided with plural recognizing parameters, detects the deviation in the position of the center hole 1a, with respect to the center of the center hole 1a by selectively using the optimum recognizing parameter, which enables recognizing the center hole 1a from the image which is image picked up and moves the master disk 2 according to the direction of deviation in the position and the amount of the same.  
 FI - G01B11/00&C; G01B11/00&H; G06T1/00&300; G11B5/86&C  
 PA - MATSUSHITA ELECTRIC IND CO LTD; FUJI ELECTRIC CO LTD  
 IN - MATSUDA NOBUHIDE; SAITO AKIRA  
 AP - JP20000175238 20000612  
 PR - JP20000175238 20000612  
 DT - I

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AN - 2002-298095 [34]  
 TI - Disk positioning method in e.g. magnetic disk manufacture, involves detecting direction of dislocation and amount of dislocation of recognized centering of master disk with respect to central hole of slave disk  
 AB - JP2001351232 NOVELTY - A centering (2a) on a master disk (2) is photographed by viewing through a central hole (1a) of a slave disk (1). The in the photographed image is recognized using recognition parameters. The direction of dislocation and amount of dislocation of the with respect to the hole is detected, based on which the position of the master disk or the slave disk is adjusted such that center of the disks are in accord.  
 - USE - For use in manufacture of magnetic disk, hard disk.  
 - ADVANTAGE - Image recognition for positioning the disk is performed correctly with high precision, thereby favorable disk positioning adjustment is performed exactly.  
 - DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the disk positioning device and exchange mechanism of the master disk.  
 - Slave disk 1  
 - Central hole 1a  
 - Master disk 2  
 - Centering 2a  
 - (Dwg.1/3)  
 IW - DISC POSITION METHOD MAGNETIC DISC MANUFACTURE DETECT DIRECTION DISLOCATE AMOUNT DISLOCATE RECOGNISE CENTRE MASTER DISC RESPECT CENTRAL HOLE SLAVE DISC  
 PN - JP2001351232 A 20011221 DW200234 G11B5/86 005pp  
 IC - G01B11/00 ; G06T1/00 ; G11B5/86  
 MC - T03-A02B1A T03-A02E1A  
 DC - T03  
 PA - (FJIE ) FUJI ELECTRIC CO LTD  
 - (MATU ) MATSUSHITA DENKI SANGYO KK  
 AP - JP20000175238 20000612  
 PR - JP20000175238 20000612

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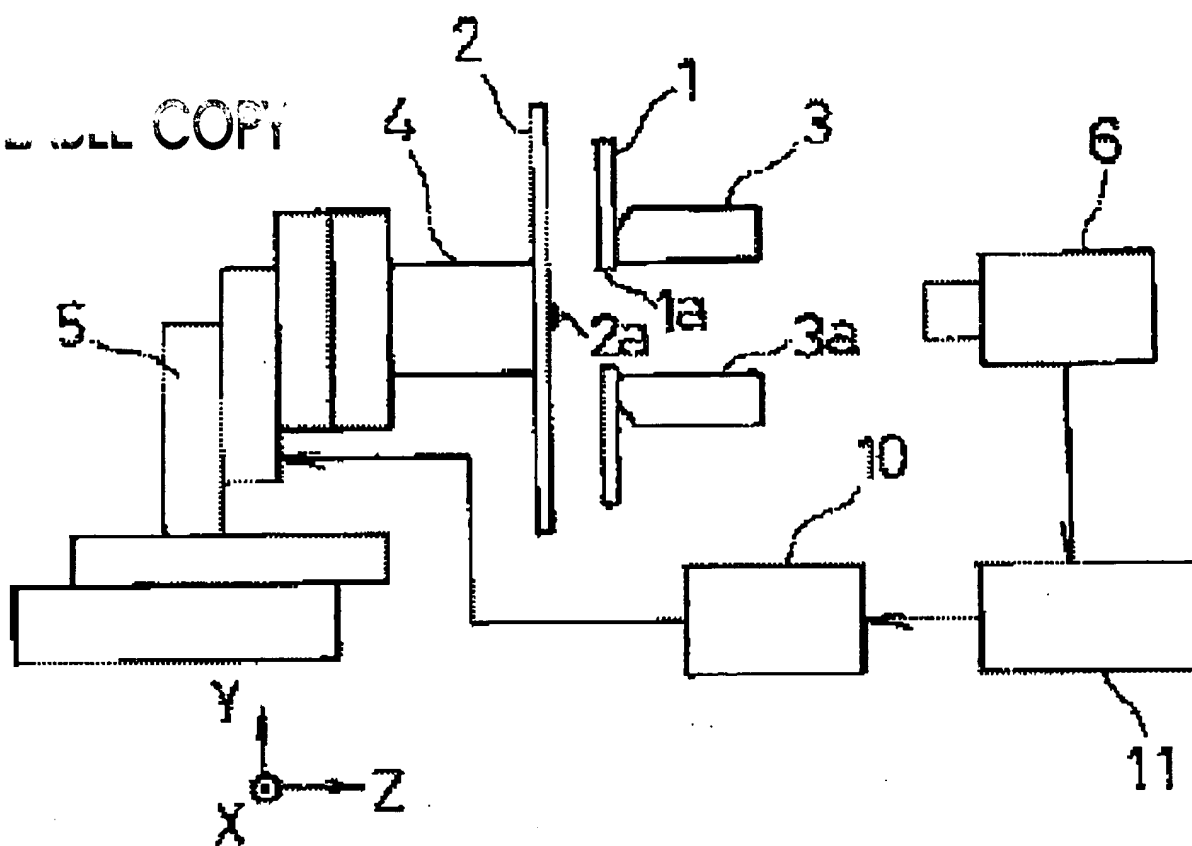
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I - G11B5/86 ; G01B11/00 ; G06T1/00  
PA - MATSUSHITA ELECTRIC IND CO LTD; FUJIELECTRIC CO LTD  
IN - MATSUDA NOBUHIDE; SAITO AKIRA  
ABD - 20020804  
ABV - 200204  
AP - JP20000175238 20000612

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(a)



(b)

